

## **SECTION 5. PLANNING THE 2003 FSIS IMPORT MONITORING PLAN: VETERINARY DRUGS**

### **PHASE I - GENERATING AND RANKING LIST OF CANDIDATE COMPOUNDS**

#### **LIST OF CANDIDATE COMPOUNDS**

The candidate veterinary drugs of concern selected by members of the Surveillance Advisory Team (SAT) for the import Monitoring plan are the same as those listed in Section 4. Furthermore, in ranking drugs for inclusion in the Import Monitoring Plan, FSIS employed the ranking scores generated for the Domestic Monitoring Plan (see Section 4), because FSIS does not have sufficient historical data on drugs in imported products to predict their violation rates. However, if FSIS has reason to believe that a compound is being misused in a foreign country then it would add that compound/country pair to the Import Monitoring Plan.

### **PHASE II - SELECTING DRUGS FOR INCLUSION IN THE 2003 NRP**

As stated in Section 4, from the list of ranked veterinary drugs, FSIS selected compounds and compound classes, based purely on their relative public health concern, which should be included in the 2003 NRP. FSIS and FDA decided that those compounds and compound classes ranked 24<sup>th</sup> or higher represented a potential public health concern sufficient to justify their inclusion in the 2003 NRP.

Once the high-priority compounds and compound classes had been identified, FSIS applied other practical considerations to determine the compounds FSIS should sample. The principal consideration was the availability of laboratory resources, especially the availability of appropriate analytical methods within the FSIS laboratories. Where the laboratory resources were limited, FSIS decided that more resources should be used to test domestic products since imported products have been inspected previously by the importing country. Based on these considerations, the following compounds will be included in the 2003 FSIS Import Monitoring Plan.

--Antibiotics:

- Those antibiotics quantitated by the FSIS Bioassay multiresidue method (MRM) and associated follow-up methodologies<sup>1</sup> [tetracycline, oxytetracycline, chlortetracycline, beta-lactams (penicillins and cephalosporins; not differentiated within this category), gentamicin, streptomycin/spectinomycin

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<sup>1</sup> FSIS quantitates most antibiotics using a 7-plate Bioassay that measures microbial inhibition. The pattern of inhibition (i.e., the combination of plates showing inhibition) is used to identify the antibiotic. However, there are some antibiotics that share the same pattern of inhibition. In these cases, it is necessary to undertake follow-up testing (HPLC or mass spectrometry) to identify the compound. The compounds that share patterns of inhibition, and which are thus individually identified through follow-up testing, are:  
*tetracycline/oxytetracycline/chlortetracycline* - compounds individually identified by follow-up with HPLC method for tetracyclines  
*tilmicosin/tylosin* - differentiated by mass spectrometry

(not differentiated), erythromycin, tilmicosin, tylosin, neomycin, flavomycin, bacitracin, hygromycin, novobiocin, lincomycin\*, pirlimycin\*, clindamycin\*, spiramycin\*, oleandomycin\*] \*identification by mass spectrometry; not quantitated

--Other Veterinary Drugs:

- Arsenicals (detected as elemental arsenic)
- Avermectins in FSIS MRM (doramectin, ivermectin and moxidectin)
- Phenylbutazone (detected in the CHC3 method)
- Ractopamine
- Sulfonamides (sulfapyridine, sulfadiazine, sulfathiazole, sulfamerazine, sulfamethazine, sulfachloropyridazine, sulfadoxine, sulfamethoxy pyridazine, sulfaquinoxaline, sulfadimethoxine, sulfisoxazole, sulfacetamide, sulfamethoxazole, sulfamethizole, sulfanilamide, sulfaguanidine, sulfabromomethazine, sulfasalazine, sulfaethoxypyridazine, sulfaphenazole, and sulfatroxazole)

--Banned Drugs

- Chloramphenicol

The 2003, FSIS Import Monitoring Plan will employ 6 methodologies and analyze for over 50 veterinary drugs. Three of these are single-compound methodologies, and three are MRMs (phenylbutazone is detected by the FSIS MRM for chlorinated hydrocarbon and chlorinated organophosphate compounds).

## **PHASE III - IDENTIFYING THE COMPOUND/PRODUCT CLASS PAIRS**

SAT participants from the FDA identified, for each of the drugs and drug classes to be included in the 2003 NRP, product classes in which they had a concern. The results are presented in Table 5.1, *Product Classes Considered for Each Drug/Drug Class*. Compound/product class pairs included in the 2003 NRP are designated by a "●." Those compound/product class pairs that are of potential public health concern, but that are not included in the 2003 NRP because of laboratory resource constraints, are marked with a "○." Since all product classes will be sampled by the chlorinated hydrocarbon/chlorinated organophosphate (CHC/COP) method (see Section 7), and since this method also detects phenylbutazone, the latter, by default, will be sampled in all product classes. However, phenylbutazone is not of regulatory concern in all product classes. Those product classes in which phenylbutazone will be sampled, but where it is not of regulatory concern, are designated by a "●."

## **PHASE IV - ALLOCATION OF SAMPLING RESOURCES**

### **ALLOCATION OF SAMPLING RESOURCES AMONG DIFFERENT PRODUCT CLASSES**

#### **EGG PRODUCTS**

The samples for residue analysis for imported egg products are selected in a different manner than the other product classes. As stated in Section 2, in order to establish a history of compliance with the U.S. requirements for each category of egg product, the first ten shipments from individual foreign establishments are subjected to 100 % reinspection. If the egg product is in compliance, the rate of

inspection is reduced to a random selection of one reinspection out of eight product lots from each foreign establishment. This reinspection rate will continue as long as the product is in compliance.

## **ANIMAL PRODUCT CLASSES**

Table 5.2, *Estimated Annual Amount (in lbs.) of Product Imported*, lists the estimated amount of all the product classes imported into U.S. and includes the percentage of each of the product classes. The data for the product classes is obtained from Automated Import Information System. The percent of each product class imported annually is calculated using the following formula:

$$\% \text{ Product Class Imported } (P_C) = \frac{\text{Amount Product Class Imported}}{\text{Total Product Imported}} \times 100 \quad (5.1)$$

The relative sampling priority is obtained by multiplying the percent product class ( $P_C$ ) by the drug scores obtained in Phase I, using the following equation

$$\text{Relative Sampling Priority} = (P_C) \times \text{Drug Score} \quad (5.2)$$

Based on the scores, one of the following sampling options is chosen: (1) very high regulatory concern (460 analyses/year); (2) high regulatory concern (300 analyses/year); (3) moderate regulatory concern (230 samples/year); or (4) low regulatory concern (90 samples/year). This is indicated in Table 5.5, *Number of Drug Samples/Product Class*, in the column labeled “Number of Samples.”

Starting this year, FSIS in its Import Monitoring Plan will not test (1) processed products from eligible foreign countries that also ship fresh products to the United States; and (2) processed products from countries that source all their raw materials from other foreign countries that are eligible to ship fresh product and are actively exporting to the United States. Processed chicken products from Hong Kong and Mexico, processed turkey products from Hong Kong, and processed pork products from Belgium will not be sampled since the raw materials used are from countries that are eligible to ship raw products to the U.S.

If a product class represents less than one percent (by weight) of total combined U.S. imports of meat, poultry and egg products, then the total number of samples analyzed for any compound or compound class is eight times the number of countries from which that product is imported. For example, if fresh goat is imported from only three countries and the amount imported is 0.24 % relative to the total U.S. import, twenty-four samples of fresh goat would be taken for each analysis, eight from each country.

The adjusted numbers of samples is listed in Table 5.5, in the column labeled “Adjusted Number of Samples.” The final number of samples for a compound/product class is obtained after the allocation of samples among different countries is completed. The final number of samples is listed in Table 5.5 in the column labeled “Final Number of Samples.” Based on the laboratory capacity, the number of samples for carbadox and chloramphenicol were adjusted downwards.

## **ALLOCATION OF SAMPLES AMONG DIFFERENT COUNTRIES**

The total number of samples chosen for each compound/product class pair was subdivided among the different countries. The number of samples for each country was based on the relative amount of total product class imported: less than one percent and greater than one percent.

### Allocation of Samples in Product Classes Whose Total Volume Imported is less than 1%

As stated above, if the amount of an import product class was less than 1%, eight samples per compound/compound class were taken from each country. The relative amounts of fresh goat, fresh chicken, processed beef/pork, fresh and processed turkey, fresh and processed other fowl, processed lamb/mutton, and processed veal were less than 1%. Also, as stated above if a country is exporting both fresh and processed products or sources all their raw materials from eligible sources then no residue samples will be scheduled for processed products from that country. The unadjusted numbers of samples are listed in the columns labeled, “Unadjusted Number of Samples” in Tables 5.6 to 5.16. The adjusted numbers of samples per country/per product class is listed in the column labeled, “Final Number of Samples” in Tables 5.6 to 5.16.

### Allocation of Samples in Product Classes Whose Total Volume Imported is Greater Than 1%

For major product classes, the number of samples was allocated to each country depending upon the relative amount of product imported from that country. Table 5.3, *Estimated Annual Amount (in lbs.) of Product Imported/Country*, lists the amount of product imported from each country. The percent of a product class imported from a country was calculated as follows and is in Table 5.4, *Relative Annual Amount of Product Imported/Country*.

$$\text{Percent Product Class Imported per Country (P}_{C/C}) = \frac{\text{Amount of Product Class from Country}}{\text{Total Amount of Product Class}} \times 100 \quad (5.3)$$

Based upon the relative amount of product class imported per country, the number of samples that should be taken at the port-of-entry was calculated using the following formula:

$$\text{Unadjusted Number of Samples per Country (U}_{C/S}) = \text{Total Number of Samples} \times \frac{(P}_{C/C})}{100} \quad (5.4)$$

This is indicated in the column labeled “Unadjusted Number of Samples (U<sub>C/S</sub>),” in Tables 5.17 to 5.23 (except 5.20b and 5.23b).

After determining the number of samples required from each country, each country with less than eight samples was assigned a minimum of eight samples. This is indicated in the column labeled “Adjustment #1” in Tables 5.17 to 5.23 (except 5.20b and 5.23b). The results of this adjustment are in the column labeled “Initial Adj #.” If the total number of samples for a compound/product class resulted in more than the total number of samples allocated to that compound/product class pair, then a second adjustment had to be made, so that the total number of samples would be within an allocated number. This adjustment was made only to those countries from which greater than eight samples were to be taken. This was accomplished using the following equations:

$$\text{Number of Samples after Adjustment \#2} = (U_{C/S}) - \frac{(N \times P_{C/C})}{(P_{T/C})} \quad (5.5)$$

where ,

$$N = (N_1) - (N_T)$$

N<sub>1</sub> = Total Number of Samples after Adjustment #1

N<sub>T</sub> = Total Number of Samples Allocated

P<sub>T/C</sub> = Total Percent of Product Class from the Countries That Had Greater Than Eight Samples

P<sub>C/C</sub> = Percent Product Class Imported Per Country

U<sub>C/S</sub> = Unadjusted Number of Samples

As mentioned above, if a country is exporting both fresh and processed products or sources all their raw materials from eligible sources then no residue samples will be processed from that country. The final numbers of products sampled are indicated in Tables 5.17 to 5.23 (except 5.20b and 5.23b) in the column labeled "Final Adj.#."

**Notes:**

Because of limited laboratory resource the following sample allocation was made:

- 300 samples for antibiotics and sulfonamides in fresh beef
- 230 samples for avermectins in fresh beef
- 24 samples for chloramphenicol in fresh veal and 90 samples for chloramphenicol in fresh beef
- 90 samples for ractopamine in fresh pork.

Since the U.S. imports processed pork from fourteen countries, the adjusted number of samples tested for arsenicals were adjusted from 90 to 112, i.e. 8 samples/country.

Phenylbutazone is detected by the FSIS CHC/COP method. Therefore, all product classes that are sampled for CHC/COP are sampled for phenylbutazone. The number of samples/product class/country is discussed in Section 7.

**Table 5.1  
Product Classes Considered for Each Drug/Drug Class  
2003 FSIS NRP, Import Monitoring Plan**

<b>DRUG→</b>	<b>Anti-biotics</b>	<b>Arsenicals</b>	<b>Avermectins</b>	<b>Cloramphenicol</b>	<b>Fluoroquinolones</b>	<b>Ractopamine</b>	<b>Sulfonamides</b>	<b>Phenylbutazone</b>
Beef, fresh	●		●	●	○		●	●
Beef, processed			○				●	●
Beef/Pork, processed		●	○				●	●
Chicken, fresh	●	●			●		●	○
Chicken, processed		●			○		●	○
Eggs, processed	○	●					●	○
Goat, fresh	●						●	●
Lamb/Mutton, fresh	●		●				●	●
Lamb/Mutton, processed			○				●	●
Other Fowl, fresh	●	●					●	○
Other Fowl, processed	●	●					●	○
Pork, fresh	●		●			●	●	●
Pork, processed		●	○				●	●
Turkey, fresh	●	●			○		●	○
Turkey, processed		●			○		●	○
Veal, fresh	●		●	●	○		●	●
Veal, processed			○				●	●

**Key**

- = Compound/product class sampled in the 2002 FSIS Import Monitoring Plan
- = Compound/product class pair of regulatory concern but not included in the plan because of lab resources
- ◐ = Since all product classes will be sampled by the CHC/COP method (see Section 7), and since this method also detects phenylbutazone, the latter, by default, will be sampled in all product classes. However, phenylbutazone is not of regulatory concern in all product classes. Those product classes in which phenylbutazone will be sampled, but where it is NOT of regulatory concern.

**Table 5.2**  
**Estimated Annual Amount (in lbs.) of Product Imported**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>PRODUCT CLASS</b>	<b>PRODUCT IMPORTED IN POUNDS</b>	<b>% PRODUCT IMPORTED</b>
Beef, fresh	2,244,027,602	59.01
Beef, processed	207,765,434	5.46
Pork, fresh	793,938,366	20.88
Pork, processed	218,236,183	5.74
Beef/Pork, processed	3,139,969	0.08
Veal, fresh	52,719,320	1.39
Veal, processed	25,369	0.0007
Lamb/Mutton, fresh	145,744,211	3.83
Lamb/Mutton, processed	309,893	0.008
Horsemeat, Fresh	105,889	0.0028
Goat, fresh	12,538,652	0.33
Chicken, fresh	27,674,262	0.73
Chicken, processed	68,731,530	1.81
Turkey, fresh	1,207,413	0.032
Turkey, processed	8,146,132	0.21
Other Fowl, fresh	1,105,210	0.03
Other Fowl, processed	2,600,341	0.07
Varied combination, processed	4,612,833	0.12
Eggs, processed	10,353,300	0.27
<b>Total/country</b>	<b>3,802,981,909</b>	

**Table 5.3**  
**Estimated Annual Amount (in lbs.) of Product Imported/Country**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>PRODUCT CLASS</b>	<b>Argentina</b>	<b>Australia</b>	<b>Austria</b>	<b>Belgium</b>	<b>Brazil</b>	<b>Canada</b>
Beef, fresh	4,800,135	882,954,573				886,414,191
Beef, processed	50,199,018	1,981,562			86,552,873	53,839,249
Pork, fresh		29,971				708,893,543
Pork, processed			129,889	7,439,312		141,902,874
Beef/Pork, processed		8,993	81			3,109,222
Veal, fresh		11,988,226				19,292,999
Veal, processed						22,016
Lamb/Mutton, fresh		102,210,082				789,659
Lamb/Mutton, processed		110,417				148,618
Horsemeat, Fresh						105,889
Goat, fresh		11,175,697				140
Chicken, fresh						27,674,262
Chicken, processed						66,469,471
Turkey, fresh						1,207,413
Turkey, processed						7,008,714
Other Fowl, fresh						968,789
Other Fowl, processed						2,543,891
Varied combination, processed		50,556				4,480,408
Eggs, processed						10,353,300
<b>Total/country</b>	<b>54,999,153</b>	<b>1,010,510,077</b>	<b>129,970</b>	<b>7,439,312</b>	<b>86,552,873</b>	<b>1,935,224,648</b>



**Table 5.3 - Continued**  
**Estimated Annual Amount (in lbs.) of Product Imported/Country**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>PRODUCT CLASS</b>	<b>Costa Rica</b>	<b>Croatia</b>	<b>Denmark</b>	<b>Finland</b>	<b>France</b>	<b>Germany</b>
Beef, fresh	21,840,927					
Beef, processed	5,610	67,920			111,571	
Pork, fresh			81,316,925	2,439,052		
Pork, processed		209,389	31,665,320		366,523	723,983
Beef/Pork, processed					3,313	
Veal, fresh						
Veal, processed					3,353	
Lamb/Mutton, fresh						
Lamb/Mutton, processed					455	
Horsemeat, Fresh						
Goat, fresh						
Chicken, fresh						
Chicken, processed					36,003	
Turkey, fresh						
Turkey, processed						
Other Fowl, fresh					113,785	
Other Fowl, processed					56,444	
Varied combination, processed					21,033	
Eggs, processed						
<b>Total/country</b>	<b>21,846,537</b>	<b>277,309</b>	<b>112,982,245</b>	<b>2,439,052</b>	<b>712,480</b>	<b>723,983</b>

**Table 5.3 - Continued**  
**Estimated Annual Amount (in lbs.) of Product Imported/Country**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>PRODUCT CLASS</b>	Honduras	Hong Kong	Hungary	Iceland	Ireland	Israel
Beef, fresh	1,153,637					
Beef, processed						
Pork, fresh					372,624	
Pork, processed			3,887,394			
Beef/Pork, processed						
Veal, fresh						
Veal, processed						
Lamb/Mutton, fresh				107,657		
Lamb/Mutton, processed						
Horsemeat, Fresh						
Goat, fresh						
Chicken, fresh						
Chicken, processed		19,174				1,347,979
Turkey, fresh						
Turkey, processed		74,874				611,184
Other Fowl, fresh						
Other Fowl, processed						6
Varied combination, processed						
Eggs, processed						
<b>Total/country</b>	<b>1,153,637</b>	<b>94,048</b>	<b>3,887,394</b>	<b>107,657</b>	<b>372,624</b>	<b>1,959,169</b>

**Table 5.3 - Continued**  
**Estimated Annual Amount (in lbs.) of Product Imported/Country**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>PRODUCT CLASS</b>	<b>Italy</b>	<b>Mexico</b>	<b>Netherlands</b>	<b>New Zealand</b>	<b>Nicaragua</b>	<b>Poland</b>
Beef, fresh		8,071,272		390,156,135	29,965,886	
Beef, processed	5,225	6,871,642		2,378,687		
Pork, fresh		146,470				
Pork, processed	5,440,792	177,793	10,396,823			15,229,233
Beef/Pork, processed			18,360			
Veal, fresh				21,438,095		
Veal, processed						
Lamb/Mutton, fresh				42,292,743		
Lamb/Mutton, processed				50,403		
Horsemeat, Fresh						
Goat, fresh				1,362,815		
Chicken, fresh						
Chicken, processed		858,903				
Turkey, fresh						
Turkey, processed		451,360				
Other Fowl, fresh				22,636		
Other Fowl, processed						
Varied combination, processed				60,836		
Eggs, processed						
<b>Total/country</b>	<b>5,446,017</b>	<b>16,577,440</b>	<b>10,415,183</b>	<b>457,762,350</b>	<b>29,965,886</b>	<b>15,229,233</b>

**Table 5.3 - Continued**  
**Estimated Annual Amount (in lbs.) of Product Imported/Country**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>PRODUCT CLASS</b>	<b>Spain</b>	<b>Sweden</b>	<b>Switzerland</b>	<b>Northern Ireland</b>	<b>Uruguay</b>
Beef, fresh					18,670,846
Beef, processed			2,955		5,749,122
Pork, fresh		739,781			
Pork, processed	661,098			5,760	
Beef/Pork, processed					
Veal, fresh					
Veal, processed					
Lamb/Mutton, fresh					344,070
Lamb/Mutton, processed					
Horsemeat, Fresh					
Goat, fresh					
Chicken, fresh					
Chicken, processed					
Turkey, fresh					
Turkey, processed					
Other Fowl, fresh					
Other Fowl, processed					
Varied combination, processed					
Eggs, processed					
<b>Total/country</b>	<b>661,098</b>	<b>739,781</b>	<b>2,955</b>	<b>5,760</b>	<b>24,764,038</b>

**Table 5.4**  
**Relative Annual Amount of Product Imported/Country**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>PRODUCT CLASS</b>	<b>Argentina</b>	<b>Australia</b>	<b>Austria</b>	<b>Belgium</b>	<b>Brazil</b>	<b>Canada</b>
Beef, fresh	0.21	39.35	-	-	-	39.50
Beef, processed	24.16	0.95	-	-	41.66	25.91
Pork, fresh		0.00	-	-	-	89.29
Pork, processed		-	0.06	3.41	-	65.02
Beef/Pork, processed		0.29	0.003	-	-	99.02
Veal, fresh		22.74	-	-	-	36.60
Veal, processed		-	-	-	-	86.78
Lamb/Mutton, fresh		70.13	-	-	-	0.54
Lamb/Mutton, processed		35.63	-	-	-	47.96
Horsemeat, Fresh		-	-	-	-	100.00
Goat, fresh		89.13	-	-	-	0.00
Chicken, fresh		-	-	-	-	100.00
Chicken, processed		-	-	-	-	96.71
Turkey, fresh		-	-	-	-	100.00
Turkey, processed		-	-	-	-	86.04
Other Fowl, fresh		-	-	-	-	87.66
Other Fowl, processed		-	-	-	-	97.83
Varied combination, processed		1.10	-	-	-	97.13
Eggs, processed	-	-	-	-	-	100.00

**Table 5.4 - Continued**  
**Relative Annual Amount of Product Imported/Country**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>PRODUCT CLASS</b>	<b>Costa Rica</b>	<b>Croatia</b>	<b>Denmark</b>	<b>Finland</b>	<b>France</b>	<b>Germany</b>
Beef, fresh	0.97	-	-	-	-	-
Beef, processed	0.003	0.03	-	-	0.05	-
Pork, fresh	-	-	10.24	0.31	-	-
Pork, processed	-	0.10	14.51	-	0.17	0.33
Beef/Pork, processed	-	-	-	-	0.11	-
Veal, fresh	-	-	-	-	-	-
Veal, processed	-	-	-	-	13.22	-
Lamb/Mutton, fresh	-	-	-	-	-	-
Lamb/Mutton, processed	-	-	-	-	0.15	-
Horsemeat, Fresh	-	-	-	-	-	-
Goat, fresh	-	-	-	-	-	-
Chicken, fresh	-	-	-	-	-	-
Chicken, processed	-	-	-	-	0.05	-
Turkey, fresh	-	-	-	-	-	-
Turkey, processed	-	-	-	-	-	-
Other Fowl, fresh	-	-	-	-	10.30	-
Other Fowl, processed	-	-	-	-	2.17	-
Varied combination, processed	-	-	-	-	0.46	-
Eggs, processed	-	-	-	-	-	-

**Table 5.4 - Continued**  
**Relative Annual Amount of Product Imported/Country**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>PRODUCT CLASS</b>	<b>Honduras</b>	<b>Hong Kong</b>	<b>Hungary</b>	<b>Iceland</b>	<b>Ireland</b>	<b>Israel</b>
Beef, fresh	0.05	-	-	-	-	-
Beef, processed	-	-	-	-	-	-
Pork, fresh	-	-	-	-	0.05	-
Pork, processed	-	-	1.78	-	-	-
Beef/Pork, processed	-	-	-	-	-	-
Veal, fresh	-	-	-	-	-	-
Veal, processed	-	-	-	-	-	-
Lamb/Mutton, fresh	-	-	-	0.07	-	-
Lamb/Mutton, processed	-	-	-	-	-	-
Horsemeat, Fresh	-	-	-	-	-	-
Goat, fresh	-	-	-	-	-	-
Chicken, fresh	-	-	-	-	-	-
Chicken, processed	-	0.03	-	-	-	1.96
Turkey, fresh	-	-	-	-	-	-
Turkey, processed	-	0.92	-	-	-	7.50
Other Fowl, fresh	-	-	-	-	-	-
Other Fowl, processed	-	-	-	-	-	0.00
Varied combination, processed	-	-	-	-	-	-
Eggs, processed	-	-	-	-	-	-

**Table 5.4 - Continued**  
**Relative Annual Amount of Product Imported/Country**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>PRODUCT CLASS</b>	<b>Italy</b>	<b>Mexico</b>	<b>Netherlands</b>	<b>New Zealand</b>	<b>Nicaragua</b>	<b>Poland</b>
Beef, fresh	-	0.36	-	17.39	1.34	-
Beef, processed	0.00	3.31	-	1.14	-	-
Pork, fresh	-	0.02	-	-	-	-
Pork, processed	2.49	0.08	4.76	-	-	6.98
Beef/Pork, processed	-	-	0.58	-	-	-
Veal, fresh	-	-	-	40.66	-	-
Veal, processed	-	-	-	-	-	-
Lamb/Mutton, fresh	-	-	-	29.02	-	-
Lamb/Mutton, processed	-	-	-	16.26	-	-
Horsemeat, Fresh	-	-	-	-	-	-
Goat, fresh	-	-	-	10.87	-	-
Chicken, fresh	-	-	-	-	-	-
Chicken, processed	-	1.25	-	-	-	-
Turkey, fresh	-	-	-	-	-	-
Turkey, processed	-	5.54	-	-	-	-
Other Fowl, fresh	-	-	-	2.05	-	-
Other Fowl, processed	-	-	-	-	-	-
Varied combination, processed	-	-	-	1.32	-	-
Eggs, processed	-	-	-	-	-	-



**Table 5.4 - Continued**  
**Relative Annual Amount of Product Imported/Country**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>PRODUCT CLASS</b>	<b>Spain</b>	<b>Sweden</b>	<b>Switzerland</b>	<b>Northern Ireland</b>	<b>Uruguay</b>
Beef, fresh	-	-			0.83
Beef, processed	-	-	0.001	-	2.77
Pork, fresh	-	0.09	-	-	-
Pork, processed	0.30	-	-	0.003	-
Beef/Pork, processed	-	-	-	-	-
Veal, fresh	-	-	-	-	-
Veal, processed	-	-	-	-	-
Lamb/Mutton, fresh	-	-	-	-	0.24
Lamb/Mutton, processed	-	-	-	-	-
Horsemeat, Fresh	-	-	-	-	-
Goat, fresh	-	-	-	-	-
Chicken, fresh	-	-	-	-	-
Chicken, processed	-	-	-	-	-
Turkey, fresh	-	-	-	-	-
Turkey, processed	-	-	-	-	-
Other Fowl, fresh	-	-	-	-	-
Other Fowl, processed	-	-	-	-	-
Varied combination, processed	-	-	-	-	-
Eggs, processed	-	-	-	-	-

**Table 5.5**  
**Number of Drug Samples/Product Class**  
**2003 FSIS NRP, Import Monitoring Plan**

No. Countries	Product Class	Drug	Percent Product	Drug Score	Relative Sampling Priority	Number of Samples	Adjusted Number of Samples	Final Number of Samples
9	Beef, fresh	Antibiotics	59.01	15.00	885.11	460	300	300
9	Beef, fresh	Sulfonamides	59.01	12.00	708.08	460	300	300
9	Beef, fresh	Avermectins.	59.01	8.30	489.76	300	230	231
7	Pork, fresh	Antibiotics	20.88	15.00	313.15	300	300	300
7	Pork, fresh	Sulfonamides	20.88	12.00	250.52	300	300	300
7	Pork, fresh	Ractopamine	20.88	8.60	179.54	300	90	93
7	Pork, fresh	Avermectins.	20.88	8.30	173.28	300	300	300
7	Pork, fresh	Arsenicals	20.88	6.80	141.96	300	300	300
13	Pork, processed	Sulfonamides	5.74	12.00	68.86	230	230	83
12	Beef, processed	Sulfonamides	5.46	12.00	65.56	230	230	111
4	Lamb/Mutton, fresh	Antibiotics	3.83	15.00	57.49	90	90	90
4	Lamb/Mutton, fresh	Sulfonamides	3.83	12.00	45.99	90	90	90
13	Pork, processed	Arsenicals	5.74	6.80	39.02	90	112	72
5	Lamb/Mutton, fresh	Avermectins.	3.83	8.30	31.81	90	90	90
5	Chicken, processed	Sulfonamides	1.81	12.00	21.69	90	90	24
3	Veal, fresh	Antibiotics	1.39	15.00	20.79	90	90	90
3	Veal, fresh	Sulfonamides	1.39	12.00	16.64	90	90	90
5	Chicken, processed	Arsenicals	1.81	6.80	12.29	90	90	24
3	Veal, fresh	Avermectins.	1.39	8.30	11.51	90	90	53
1	Chicken, fresh	Antibiotics	0.73	15.00	10.92	90	8	8
1	Chicken, fresh	Sulfonamides	0.73	12.00	8.73	90	8	8

**Table 5.5 - Continued**  
**Number of Drug Samples/Product Class**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>No. Countries</b>	<b>Product Class</b>	<b>Drug</b>	<b>Percent Product</b>	<b>Drug Score</b>	<b>Relative Sampling Priority</b>	<b>Number of Samples</b>	<b>Adjusted Number of Samples</b>	<b>Final Number of Samples</b>
1	Chicken, fresh	Arsenicals	0.73	6.80	4.95	90	8	8
3	Goat, fresh	Antibiotics	0.33	15.00	4.95	90	24	24
3	Goat, fresh	Sulfonamides	0.33	12.00	3.96	90	24	24
3	Goat, fresh	Avermectins.	0.33	8.30	2.74	90	24	24
4	Turkey, processed	Sulfonamides	0.21	12.00	2.57	90	32	16
3	Goat, fresh	Arsenicals	0.33	6.80	2.24	90	24	24
4	Turkey, processed	Arsenicals	0.21	6.80	1.46	90	32	16
4	Varied combination, processed	Sulfonamides	0.12	12.00	1.46	90	32	32
5	Beef/Pork, processed	Sulfonamides	0.08	12.00	0.99	90	40	24
3	Other Fowl, processed	Sulfonamides	0.07	12.00	0.82	90	24	8
5	Beef/Pork, processed	Arsenicals	0.08	6.80	0.56	90	40	24
1	Turkey, fresh	Antibiotics	0.03	15.00	0.48	90	8	8
3	Other Fowl, processed	Arsenicals	0.07	6.80	0.46	90	24	8
3	Other Fowl, fresh	Antibiotics	0.03	15.00	0.44	90	24	24
1	Turkey, fresh	Sulfonamides	0.03	12.00	0.38	90	8	8
3	Other Fowl, fresh	Sulfonamides	0.03	12.00	0.35	90	24	24
1	Turkey, fresh	Arsenicals	0.03	6.80	0.22	90	8	8
3	Other Fowl, fresh	Arsenicals	0.03	6.80	0.20	90	24	24
4	Lamb/Mutton, processed	Sulfonamides	0.01	12.00	0.10	90	32	8
1	Horsemeat, Fresh	Antibiotics	0.003	15.00	0.04	90	8	8
1	Horse, Fresh	Sulfonamides	0.003	12.00	0.03	90	8	8

**Table 5.5 - Continued**  
**Number of Drug Samples/Product Class**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>No. Countries</b>	<b>Product Class</b>	<b>Drug</b>	<b>Percent Product</b>	<b>Drug Score</b>	<b>Relative Sampling Priority</b>	<b>Number of Samples</b>	<b>Adjusted Number of Samples</b>	<b>Final Number of Samples</b>
1	Horse, Fresh	Avermectins.	0.003	8.30	0.02	90	8	8
2	Veal, processed	Sulfonamides	0.001	12.00	0.01	90	16	8
9	Beef, fresh	Chloramphenicol				90	90	91
3	Veal, fresh	Chloramphenicol				24	24	24
<b>Total</b>						<b>6354</b>	<b>4038</b>	<b>3440</b>

Note: Phenylbutazone is detected by the CHC/COP method. Hence the "No. of Samples/Product Class" for phenylbutazone is the same as that for the CHC's/COP's. [See Section 7.]

**Table 5.6**  
**Number of Samples/Product Class - Goat, Fresh**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>GOAT, FRESH/ ANTIBIOTICS</b>	<b>PERCENT PRODUCT</b>	<b>UNADJUSTED NUMBER OF SAMPLES</b>	<b>FINAL NUMBER OF SAMPLES</b>
Australia	89.13	8	8
Canada	0.001	8	8
New Zealand	10.87	8	8
<b>Total</b>			<b>24</b>
<b>GOAT, FRESH/ ARSENICALS</b>			
Australia	89.13	8	8
Canada	0.001	8	8
New Zealand	10.87	8	8
<b>Total</b>			<b>24</b>
<b>GOAT, FRESH/ AVERMECTINS</b>			
Australia	89.13	8	8
Canada	0.001	8	8
New Zealand	10.87	8	8
<b>Total</b>		<b>24</b>	<b>24</b>
<b>GOAT, FRESH/ SULFONAMIDES</b>			
Australia	89.13	8	8
Canada	0.001	8	8
New Zealand	10.87	8	8
<b>Total</b>		<b>24</b>	<b>24</b>

**Table 5.7**  
**Number of Samples/Product Class – Varied Combination, Processed**  
**2003 FSIS Import Monitoring Plan**

<b>VARIED COMBINATION, PROCESSED, SULFONAMIDES</b>	<b>PERCENT PRODUCT</b>	<b>UNADJUSTED NUMBER OF SAMPLES</b>	<b>FINAL NUMBER OF SAMPLES</b>
Australia	1.10	8	8
Canada	97.13	8	8
France	0.46	8	8
New Zealand	1.32	8	8
<b>Total</b>		<b>24</b>	<b>32</b>

**Table 5.8**  
**Number of Samples/Product Class - Chicken, Fresh**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>CHICKEN, FRESH/ ANTIBIOTICS</b>	<b>PERCENT PRODUCT</b>	<b>UNADJUSTED NUMBER OF SAMPLES</b>	<b>FINAL NUMBER OF SAMPLES</b>
Canada	100	8	8
<b>Total</b>		<b>8</b>	<b>8</b>
<b>CHICKEN, FRESH/ ARSENICALS</b>			
Canada	100	8	8
<b>Total</b>		<b>8</b>	<b>8</b>
<b>CHICKEN, FRESH/ SULFONAMIDES</b>			
Canada	100	8	8
<b>Total</b>		<b>8</b>	<b>8</b>

**Table 5.9**  
**Number of Samples/Product Class - Turkey, Fresh**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>TURKEY, FRESH/ ANTIBIOTICS</b>	<b>PERCENT PRODUCT</b>	<b>UNADJUSTED NUMBER OF SAMPLES</b>	<b>FINAL NUMBER OF SAMPLES</b>
Canada	100	8	8
<b>Total</b>		<b>8</b>	<b>8</b>
<b>TURKEY, FRESH/ ARSENICALS</b>			
Canada	100	8	8
<b>Total</b>		<b>8</b>	<b>8</b>
<b>TURKEY, FRESH/SULFONAMIDES</b>			
Canada	100	8	8
<b>Total</b>		<b>8</b>	<b>8</b>

**Table 5.10**  
**Number of Samples/Product Class - Lamb/Mutton, Processed**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>LAMB/MUTTON, PROCESSED/ SULFONAMIDES</b>	<b>PERCENT PRODUCT</b>	<b>UNADJUSTED NUMBER OF SAMPLES</b>	<b>FINAL NUMBER OF SAMPLES</b>
Australia	35.63	8	0 <sup>1</sup>
Canada	47.96	8	0 <sup>1</sup>
France	0.15	8	0 <sup>1</sup>
New Zealand	16.26	8	8
<b>Total</b>		<b>32</b>	<b>8</b>

**Table 5.11**  
**Number of Samples/Product Class - Turkey, Processed**  
**2003 FSIS Import Monitoring Plan**

<b>TURKEY, PROCESSED/ ARSENICALS</b>	<b>PERCENT PRODUCT</b>	<b>UNADJUSTED NUMBER OF SAMPLES</b>	<b>FINAL NUMBER OF SAMPLES</b>
Canada	86.04	8	0 <sup>1</sup>
Hong Kong	0.92	8	0 <sup>1</sup>
Israel	7.50	8	8
Mexico	5.54	8	8
<b>Total</b>		<b>32</b>	<b>16</b>
<b>TURKEY, PROCESSED/SULFONAMIDES</b>			
Canada	86.04	8	0 <sup>1</sup>
Hong Kong	0.92	8	0 <sup>1</sup>
Israel	7.50	8	8
Mexico	5.54	8	8
<b>Total</b>		<b>32</b>	<b>16</b>

**Table 5.12**  
**Number of Samples/Product Class – Horse, Fresh**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>HORSE, FRESH/SULFONAMIDES</b>	<b>PERCENT PRODUCT</b>	<b>UNADJUSTED NUMBER OF SAMPLES</b>	<b>FINAL NUMBER OF SAMPLES</b>
Canada	100	8	8
<b>Total</b>		<b>8</b>	<b>8</b>
<b>HORSE, FRESH/AVERMECTINS</b>			
Canada	100	8	8
<b>Total</b>		<b>8</b>	<b>8</b>
<b>HORSE, FRESH/ANTIBIOTICS</b>			
Canada	100	8	8
<b>Total</b>		<b>8</b>	<b>8</b>

**Table 5.13**  
**Number of Samples/Product Class - Veal, Processed**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>VEAL, PROCESSED/ SULFONAMIDES</b>	<b>PERCENT PRODUCT</b>	<b>UNADJUSTED NUMBER OF SAMPLES</b>	<b>FINAL NUMBER OF SAMPLES</b>
Canada	86.80	8	0 <sup>1</sup>
France	23.20	8	8
<b>Total</b>		<b>16</b>	<b>8</b>

**Table 5.14**  
**Number of Samples/Product Class - Other, Fowl, Processed**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>OTHER, FOWL, PROCESSED/ARSENICALS</b>	<b>PERCENT PRODUCT</b>	<b>UNADJUSTED NUMBER OF SAMPLES</b>	<b>FINAL NUMBER OF SAMPLES</b>
Canada	97.83	8	0 <sup>1</sup>
France	2.17	8	0 <sup>1</sup>
Israel	0.0002	8	8
<b>Total</b>		<b>24</b>	<b>8</b>
<b>OTHER, FOWL, PROCESSED/SULFONAMIDES</b>			
Canada	97.83	8	0 <sup>1</sup>
Israel	2.17	8	0 <sup>1</sup>
France	0.0002	8	8
<b>Total</b>		<b>24</b>	<b>8</b>

**Table 5.15**  
**Number of Samples/Product Class - Other, Fowl, Fresh**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>OTHER FOWL, FRESH/ ANTIBIOTICS</b>	<b>PERCENT PRODUCT</b>	<b>UNADJUSTED NUMBER OF SAMPLES</b>	<b>FINAL NUMBER OF SAMPLES</b>
Canada	87.66	8	8
France	10.30	8	8
New Zealand	2.05	8	8
<b>Total</b>		<b>24</b>	<b>24</b>
<b>OTHER FOWL, FRESH/ ARSENICALS</b>			
Canada	87.66	8	8
France	10.30	8	8
New Zealand	2.05	8	8
<b>Total</b>		<b>24</b>	<b>24</b>
<b>OTHER FOWL, FRESH/ SULFONAMIDES</b>			
Canada	87.66	8	8
France	10.30	8	8
New Zealand	2.05	8	8
<b>Total</b>		<b>24</b>	<b>24</b>



**Table 5.16**  
**Number of Samples/Product Class - Beef/Pork, Processed**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>BEEF, PORK, PROCESSED/ARSENICALS</b>	<b>PERCENT PRODUCT</b>	<b>UNADJUSTED NUMBER OF SAMPLES</b>	<b>FINAL NUMBER OF SAMPLES</b>
Australia	0.29	8	0 <sup>1</sup>
Austria	0.001	8	8
Canada	99.02	8	0 <sup>1</sup>
France	0.11	8	8
Netherlands	0.58	8	8
<b>Total</b>		<b>40</b>	<b>24</b>
<b>BEEF, PORK, PROCESSED/SULFONAMIDES</b>			
Australia	0.29	8	0 <sup>1</sup>
Austria	0.001	8	8
Canada	99.02	8	0 <sup>1</sup>
France	0.11	8	8
Netherlands	0.58	8	8
<b>Total</b>		<b>40</b>	<b>24</b>

**Table 5.17**  
**Number of Samples/Product Class - Beef, Processed**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>BEEF, PROCESSED/ SULFONAMIDES</b>	<b>PERCENT PRODUCT (P<sub>C/C</sub>)</b>	<b>UNADJUSTED NUMBER OF SAMPLES (U<sub>C/S</sub>) = 230P<sub>C/C</sub>/100)</b>	<b>ADJUST. #1 (MIN. 8 SAMPLES/ COUNTRY)</b>	<b>INITIAL ADJ. NUMBER</b>	<b>ADJUST. # 2</b>	<b>FINAL NUMBER OF SAMPLES</b>
Argentina	24.16	56		56	42	0 <sup>1</sup>
Australia	0.95	2	8	8		0 <sup>1</sup>
Brazil	41.66	96		96	71	71
Canada	25.91	60		60	45	0 <sup>1</sup>
Costa Rica	0.001	0	8	8		0 <sup>1</sup>
Croatia	0.03	0	8	8		8
France	0.05	0	8	8		8
Italy	0.001	0	8	8		8
Mexico	3.31	8	8	8		8
New Zealand	1.14	3	8	8		0 <sup>1</sup>
Switzerland	0.001	0	8	8		0 <sup>1</sup>
Uruguay	2.77	6	8	8		8
<b>Total</b>		<b>231</b>		<b>284</b>		<b>111</b>

**Table 5.18**  
**Number of Samples/Product Class - Chicken, Processed**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>CHICKEN, PROCESSED/ ARSENICALS</b>	<b>PERCENT PRODUCT (P<sub>CC</sub>)</b>	<b>UNADJUSTED NUMBER OF SAMPLES (U<sub>CS</sub>) = 90*((P<sub>CC</sub>)/100)</b>	<b>ADJUST. #1 (MIN. 8 SAMPLES/ COUNTRY)</b>	<b>INITIAL ADJ.#</b>	<b>ADJUST. # 2</b>	<b>FINAL ADJ.#</b>
Canada	96.71	87		88	58	0 <sup>1</sup>
France	0.05	0	8	8		8
Hong Kong	0.03	0	8	8		0 <sup>1</sup>
Israel	1.96	2	8	8		8
Mexico	1.25	1	8	8		8
<b>Total</b>		<b>90</b>		<b>120</b>		<b>24</b>
<b>CHICKEN, PROCESSED/ SULFONAMIDES</b>		<b>UNADJUSTED NUMBER OF SAMPLES (U<sub>CS</sub>) = 90*((P<sub>CC</sub>)/100)</b>				
Canada	96.71	87		88	58	0 <sup>1</sup>
France	0.05	0	8	8		8
Hong Kong	0.03	0	8	8		0 <sup>1</sup>
Israel	1.96	2	8	8		8
Mexico	1.25	1	8	8		8
<b>Total</b>		<b>90</b>		<b>120</b>		<b>24</b>

**Table 5.19**  
**Number of Samples/Product Class - Beef, Fresh**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>BEEF, FRESH/ ANTIBIOTICS</b>	<b>PERCENT PRODUCT (P<sub>CC</sub>)</b>	<b>UNADJUSTED NUMBER OF SAMPLES (U<sub>CS</sub>) = 300*((P<sub>CC</sub>)/100)</b>	<b>ADJUST. #1 (MIN. 8 SAMPLES/ COUNTRY)</b>	<b>INITIAL ADJ NUMBER</b>	<b>ADJUST. # 2</b>	<b>FINAL ADJ #</b>
Argentina	0.21	1	8	8		8
Australia	39.35	118		118	103	103
Canada	39.50	119		119	104	104
Costa Rica	0.97	3	8	8		8
Honduras	0.05	0	8	8		8
Mexico	0.36	1	8	8		8
New Zealand	17.39	52		52	45	45
Nicaragua	1.34	4	8	8		8
Uruguay	0.83	2	8	8		8
<b>Total</b>		<b>300</b>		<b>337</b>		<b>300</b>

**Table 5.19 - Continued**  
**Number of Samples/Product Class - Beef, Fresh**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>BEEF, FRESH/ AVERMECTINS</b>	<b>PERCENT PRODUCT (P<sub>C/C</sub>)</b>	<b>UNADJUSTED NUMBER OF SAMPLES (U<sub>C/S</sub>) = 230*((P<sub>C/C</sub>)/100)</b>	<b>ADJUST. #1 (MIN. 8 SAMPLES/ COUNTRY)</b>	<b>INITIAL ADJ NUMBER</b>	<b>ADJUST. # 2</b>	<b>FINAL ADJ #</b>
Argentina	0.21	0	8	8		8
Australia	39.35	91		91	75	75
Canada	39.50	91		91	75	75
Costa Rica	0.97	2	8	8		8
Honduras	0.05	0	8	8		8
Mexico	0.36	1	8	8		8
New Zealand	17.39	40		40	33	33
Nicaragua	1.34	3	8	8		8
Uruguay	0.83	2	8	8		8
<b>Total</b>		<b>230</b>		<b>270</b>		<b>231</b>
<b>BEEF, FRESH/ SULFONAMIDES</b>		<b>UNADJUSTED NUMBER OF SAMPLES (U<sub>C/S</sub>) = 300*((P<sub>C/C</sub>)/100)</b>				
Argentina	0.21	1	8	8		8
Australia	39.35	118		118	103	103
Canada	39.50	119		119	104	104
Costa Rica	0.97	3	8	8		8
Honduras	0.05	0	8	8		8
Mexico	0.36	1	8	8		8
New Zealand	17.39	52		52	45	45
Nicaragua	1.34	4	8	8		8
Uruguay	0.83	2	8	8		8
<b>Total</b>		<b>300</b>		<b>337</b>		<b>300</b>
<b>BEEF, FRESH/ chloramphenicol</b>		<b>UNADJUSTED NUMBER OF SAMPLES (U) = 90*((PC/C)/100)</b>				
Argentina	0.2100	0	8	8		8
Australia	39.35	35		35	17	17
Canada	39.5	36		36	18	18
Costa Rica	0.97	1	8	8		8
Honduras	0.05	0	8	8		8
Mexico	0.36	0	8	8		8
New Zealand	17.39	16		16	8	8
Nicaragua	1.34	1	8	8		8
Uruguay	0.83	1	8	8		8
<b>Total</b>		<b>90</b>		<b>135</b>		<b>91</b>

**Table 5.20a**  
**Number of Samples/Product Class - Veal, Fresh**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>VEAL, FRESH/ ANTIBIOTICS</b>	<b>PERCENT PRODUCT (P<sub>C/C</sub>)</b>	<b>UNADJUSTED NUMBER OF SAMPLES (U<sub>C/S</sub>) =90*(P<sub>C/C</sub>)/100</b>	<b>ADJUSTMENT #1 (8 MINIMUM/ COUNTRY)</b>	<b>INITIAL ADJ.#</b>	<b>ADJUST.# 2</b>	<b>FINAL ADJ.#</b>
Australia	22.74	20		20	20	20
Canada	36.60	33		33	33	33
New Zealand	40.66	37		37	37	37
<b>Total</b>		<b>90</b>		<b>90</b>		<b>90</b>
<b>VEAL, FRESH/ AVERMECTINS</b>		<b>UNADJUSTED NUMBER OF SAMPLES (U<sub>C/S</sub>) =90*(P<sub>C/C</sub>)/100</b>				
Australia	22.74	20		20	20	20
Canada	36.60	33		33	33	33
New Zealand	40.66	37		37	37	0 <sup>2</sup>
<b>Total</b>		<b>90</b>		<b>90</b>		<b>53</b>
<b>VEAL, FRESH/ SULFONAMIDES</b>		<b>UNADJUSTED NUMBER OF SAMPLES (U<sub>C/S</sub>) =90*(P<sub>C/C</sub>)/100</b>				
Australia	22.74	20		20	20	20
Canada	36.60	33		33	33	33
New Zealand	40.66	37		37	37	37
<b>Total</b>		<b>90</b>		<b>90</b>		<b>90</b>

**Table 5.20b**  
**Number of Samples/Product Class - Veal, Fresh**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>VEAL, FRESH/ CHLORAMPHENICOL</b>	<b>PERCENT PRODUCT</b>	<b>FINAL NUMBER OF SAMPLES</b>
Australia	22.74	8
Canada	36.60	8
New Zealand	40.66	8
<b>Total</b>		<b>24</b>

**Table 5.21**  
**Number of Samples/Product Class - Pork, Fresh**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>PORK, FRESH/ ANTIBIOTICS/</b>	<b>PERCENT PRODUCT (P<sub>CC</sub>)</b>	<b>UNADJUSTED NUMBER OF SAMPLES (U<sub>CS</sub>) =300 * (P<sub>CC</sub>)/100</b>	<b>ADJUST. #1 (MIN. 8 SAMPLES/ COUNTRY)</b>	<b>INITIAL ADJ.#</b>	<b>ADJUST. # 2</b>	<b>FINAL ADJ.#</b>
Australia	0.004	0	8	8		8
Canada	89.29	268		268	233	228
Denmark	10.24	31		31	27	32
Finland	0.31	1	8	8		8
Ireland	0.05	0	8	8		8
Mexico	0.02	0	8	8		8
Sweden	0.09	0	8	8		8
<b>Total</b>		<b>300</b>		<b>339</b>		<b>300</b>
<b>PORK, FRESH/ ARSENICALS</b>		<b>UNADJUSTED NUMBER OF SAMPLES (U<sub>CS</sub>) =300 * (P<sub>CC</sub>)/100</b>				
Australia	0.004	0	8	8		8
Canada	89.29	268		268	233	228
Denmark	10.24	31		31	27	32
Finland	0.31	1	8	8		8
Ireland	0.05	0	8	8		8
Mexico	0.02	0	8	8		8
Sweden	0.09	0	8	8		8
<b>Total</b>		<b>300</b>		<b>339</b>		<b>300</b>
<b>PORK, FRESH/ AVERMECTINS</b>		<b>UNADJUSTED NUMBER OF SAMPLES (U<sub>CS</sub>) =300 * (P<sub>CC</sub>)/100</b>				
Australia	0.004	0	8	8		8
Canada	89.29	268		268	233	228
Denmark	10.24	31		31	27	32
Finland	0.31	1	8	8		8
Ireland	0.05	0	8	8		8
Mexico	0.02	0	8	8		8
Sweden	0.09	0	8	8		8
<b>Total</b>		<b>300</b>		<b>339</b>		<b>300</b>
<b>PORK, FRESH/ SULFONAMIDES</b>		<b>UNADJUSTED NUMBER OF SAMPLES (U<sub>CS</sub>) = 300*(P<sub>CC</sub>)/100</b>				
Australia	0.004	0	8	8		8
Canada	89.29	268		268	233	228
Denmark	10.24	31		31	27	32
Finland	0.31	1	8	8		8
Ireland	0.05	0	8	8		8
Mexico	0.02	0	8	8		8
Sweden	0.09	0	8	8		8
<b>Total</b>		<b>300</b>		<b>339</b>		<b>300</b>

**Table 5.21 - Continued**  
**Number of Samples/Product Class - Pork, Fresh**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>PORK, FRESH/ RACTOPAMINE</b>	<b>PERCENT PRODUCT (P<sub>C/C</sub>)</b>	<b>UNADJUSTED NUMBER OF SAMPLES (U<sub>C/S</sub>) =90 * (P<sub>C/C</sub>)/100</b>	<b>ADJUST. #1 (MIN. 8 SAMPLES/ COUNTRY)</b>	<b>INITIAL ADJ.#</b>	<b>ADJUST. # 2</b>	<b>FINAL ADJ.#</b>
Australia	0.004	0	8	8		8
Canada	89.29	80		80	45	45
Denmark	10.24	9		9	5	8
Finland	0.31	0	8	8		8
Ireland	0.05	0	8	8		8
Mexico	0.02	0	8	8		8
Sweden	0.09	0	8	8		8
<b>Total</b>		<b>89</b>		<b>129</b>		<b>93</b>

**Table 5.22**  
**Number of Samples/Product Class - Lamb/Mutton, Fresh**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>LAMB/MUTTON, FRESH/ ANTIBIOTICS</b>	<b>PERCENT PRODUCT (P<sub>C/C</sub>)</b>	<b>UNADJUSTED NUMBER OF SAMPLES (U<sub>C/S</sub>) = 90*(P<sub>C/C</sub>)/100</b>	<b>ADJUST. #1 (MIN. 8 SAMPLES/ COUNTRY)</b>	<b>INITIAL ADJ.#</b>	<b>ADJUST. # 2</b>	<b>FINAL ADJ.#</b>
Australia	70.13	63		63	47	47
Canada	0.54	0	8	8		8
Iceland	0.07	0	8	8		8
New Zealand	29.02	26	8	26	19	19
Uruguay	0.24	0	8	8		8
<b>Total</b>		<b>89</b>		<b>113</b>		<b>90</b>
<b>LAMB/MUTTON, FRESH/ AVERMECTINS</b>	<b>PERCENT PRODUCT (P<sub>C/C</sub>)</b>	<b>UNADJUSTED NUMBER OF SAMPLES (U<sub>C/S</sub>) = 90*(P<sub>C/C</sub>)/100</b>	<b>ADJUST. #1 (MIN. 8 SAMPLES/ COUNTRY)</b>	<b>INITIAL ADJ.#</b>	<b>ADJUST. # 2</b>	<b>FINAL ADJ.#</b>
Australia	70.13	63		63	47	47
Canada	0.54	0	8	8		8
Iceland	0.07	0	8	8		8
New Zealand	29.02	26	8	26	19	19
Uruguay	0.24	0	8	8		8
<b>Total</b>		<b>89</b>		<b>113</b>		<b>90</b>
<b>LAMB/MUTTON, FRESH/ SULFONAMIDES</b>	<b>PERCENT PRODUCT (P<sub>C/C</sub>)</b>	<b>UNADJUSTED NUMBER OF SAMPLES (U<sub>C/S</sub>) = 90*(P<sub>C/C</sub>)/100</b>	<b>ADJUST. #1 (MIN. 8 SAMPLES/ COUNTRY)</b>	<b>INITIAL ADJ.#</b>	<b>ADJUST. # 2</b>	<b>FINAL ADJ.#</b>
Australia	70.13	63		63	47	47
Canada	0.54	0	8	8		8
Iceland	0.07	0	8	8		8
New Zealand	29.02	26	8	26	19	19
Uruguay	0.24	0	8	8		8
<b>Total</b>		<b>89</b>		<b>113</b>		<b>90</b>

**Table 5.23a**  
**Number of Samples/Product Class - Pork, Processed**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>PORK, PROCESSED/ SULFONAMIDES</b>	<b>PERCENT PRODUCT (P<sub>CC</sub>)</b>	<b>UNADJUSTED NUMBER OF SAMPLES (U<sub>CS</sub>) = 230*(P<sub>CC</sub>/100)</b>	<b>ADJUST. #1 (MIN. 8 SAMPLES/ COUNTRY )</b>	<b>INITIAL ADJ.#</b>	<b>ADJUST. # 2</b>	<b>FINAL ADJ.#</b>
Austria	0.06	0	8	8		8
Belgium	3.41	8	8	8		0 <sup>1</sup>
Canada	65.02	150		150	107	0 <sup>1</sup>
Croatia	0.10	0	8	8		8
Denmark	14.51	33		33	23	0 <sup>1</sup>
France	0.17	0	8	8		8
Germany	0.33	1	8	8		8
Hungary	1.78	4	8	8		8
Italy	2.49	6	8	8		8
Mexico	0.08	0	8	8		0 <sup>1</sup>
Netherlands	4.76	11		11	8	8
Poland	6.98	16		16	11	11
Spain	0.30	1	8	8		8
Northern Ireland	0.003	0	8	8		8
<b>Total</b>		<b>230</b>		<b>290</b>		<b>83</b>

**Table 5.23b**  
**Number of Samples/Product Class - Pork, Processed**  
**2003 FSIS NRP, Import Monitoring Plan**

<b>PORK, PROCESSED/ ARSENICALS</b>	<b>PERCENT PRODUCT</b>	<b>INITIAL NUMBER OF SAMPLES</b>	<b>FINAL NUMBER OF SAMPLES</b>
Austria	0.06	8	8
Belgium	3.41	8	0 <sup>1</sup>
Canada	65.02	8	0 <sup>1</sup>
Croatia	0.10	8	0 <sup>1</sup>
Denmark	14.51	8	0 <sup>1</sup>
France	0.17	8	8
Germany	0.33	8	8
Hungary	1.78	8	8
Italy	2.49	8	8
Mexico	0.08	8	0 <sup>1</sup>
Netherlands	4.76	8	8
Poland	6.98	8	8
Spain	0.30	8	8
Northern Ireland	0.003	8	8
<b>Total</b>		<b>112</b>	<b>72</b>

<sup>1</sup> There will be no sampling of processed products from countries that also ship fresh products to the United States or source their raw material from other foreign countries that are eligible to ship fresh product and are actually exporting to United States.

<sup>2</sup> Consistent with the domestic plan no samples for bob veal, no samples will be taken from New Zealand bob veal shipments for avermectins.